

General Session and Workshop Descriptions

Tuesday, April 30 – General Session 1:00 – 4:00 PM

Welcome and Updates

- Capt. Chris Kelenske, Michigan Department of State Police
- Col. Kriste Kibbey Etue, Michigan Department of State Police
- James K. Haveman, Michigan Department of Community Health

Federal Response and Initiatives

- Andrew Velasquez, III, Federal Emergency Management Agency Region V

Mr. Velasquez, Regional Administrator of FEMA Region V, will provide an update on the many response activities the federal government is involved with, as well as the key initiatives taking place in Region V that covers the states of Michigan, Illinois, Indiana, Minnesota, Ohio, and Wisconsin.

Michigan's Cyber Range

- Dr. Joe Adams, Merit Network

This session will introduce attendees to Michigan's Cyber Range that enables individuals and organization to develop detection and reaction skills through simulations and exercises. This session will also discuss what the Cyber Range offers to all levels of government, educational systems, as well as private businesses and industry.

Leadership in Counter Terrorism Operations

- Col. David Hunt, U.S. Military Commander (Ret.), Fox News Military Analyst

Colonel David Hunt has over 29 years of military experience, including extensive operational experience in Special Operations, Counter Terrorism, and Intelligence Operations. Most recently, Colonel Hunt served as Tactical Advisor in Bosnia where he facilitated all national intelligence matters for the Commander in Chief, as well as coordinating a \$350,000,000 national security program for the National Security Agency and the Central Intelligence Agency in 1997. Prior to this, he served as counter terrorism coordinator to the Summer Olympic Games in Seoul, Korea. In this capacity, David Hunt planned, choreographed and implemented the first United States national response for an Olympic event in Korea in conjunction with Korean National Intelligence and the Korean Crisis Response Agency as the counter-terrorist coordinator.

Hurricane Sandy's Impact on New York

- Murad Raheem, U.S. Department of Health and Human Services

This workshop discusses how Hurricane Sandy impacted the state of New York with a focus on New York City. The presentation will explore the impacts to the public health and medical sector and how various entities responded. Areas of discussion will include, Medical Special Needs shelters, care of first responders (vaccines, first aid, etc.), and disaster care in austere conditions.

**Tuesday, April 30 – Dinner and Speaker (pre-registration required)
5:30-7:00 PM**

Unlock the Power Within

-Ricky Kalmon, Motivational Speaker

Ricky Kalmon's program starts with corporate entertainment that leads into a wellness program that will exceed your expectations on every level. Ricky Kalmon empowers his audience to take control of their lives and teaches them how to change bad habits to good habits and become proactive in their preventive health and wellness. Kalmon's motto is "Change the way you think, and you can change your world."™ Reduce Stress – Get Motivated – Create Success.

**Wednesday, May 1 – Workshops
8:00 – 9:00 AM**

1A. 15 Ways Social Media Can Improve Public Health and Safety

-Steve Ressler, GovLoop.com

In this interactive session, Steve Ressler, founder of GovLoop.com—social network for 65,000+ public sector leaders—will describe 15 ways social media can improve public health and safety. This is NOT your "101" on social media—it is an intermediate level talk based on case studies of real government agencies and best practices on how social media has been used in a range of situations from hurricane relief, day-to-day crime prevention, to flu outbreaks.

1B. Climate Change and Public Health: Strategies for Reducing Impacts of Severe Weather on Population Health

-Haris Alibašić, City of Grand Rapids Office of Energy and Sustainability

-Richard Pollman, National Weather Service

-Dominic Smith, Michigan Department of Community Health

-Martha Stanbury, Michigan Department of Community Health

A panel of speakers will provide an overview of the projected impacts of a warming climate in Michigan, with a focus on its impacts on public health. Increased numbers of severe weather events (e.g., extreme heat waves, floods, tornadoes, and winter storms) all can cause fatalities, severe illness, injuries, negative mental health impacts, and disruptions of normal life, especially for vulnerable populations. This session will present specific strategies public health and emergency management can use to minimize adverse health outcomes of increasingly severe weather events.

1C. Cross Functional Business Continuity and Disaster Recovery

-Todd Biebel, Verizon Wireless

Verizon Wireless has a cross-functional Business Continuity and Disaster Recovery ("BC/DR") team responsible for minimizing the impact of a disruption to their customers, employees, infrastructure, and business operations. In this session, attendees will learn how Verizon Wireless accomplishes their objective by focusing on identifying critical functions, implementing strategies to minimize disruption, developing business continuity, and testing their plans to validate response capabilities.

1D. Leadership in Time of Crisis

-Bob VandePol, Crisis Care Network

When tragedy strikes a community – whether at the level of national, municipality, neighborhood, organization, church, workgroup, or family – all stakeholders immediately look to its leadership for direction. How leaders respond during the first hours of a crisis offers both tremendous opportunity and serious risk for the subsequent outcomes. Effective leadership manages a crisis by addressing the psychological undercurrent beneath it; not all leaders have the training or expertise to do so. This workshop teaches participants about how tragedy impacts people and organizations, discusses a phase sensitive approach to the “human element” in recovery from crises, recommends a process for crisis communication, and provides specific psychological first aid skills to lead recovery.

1E. Oak Creek Sikh Temple Incident (Part 1 of 2)

-Capt. Steven Anderson and Capt. Michael Bolender, Oak Creek Police Department in Wisconsin

This presentation is an overview of the response to the Sikh Temple shooting that took place in Oak Creek, Wisconsin. The presenters will outline what the Oak Creek Police Department did to prepare for this tragic event starting 20 years prior, as well as lessons learned in the response to the aftermath. The final portion of the session will discuss all the things that came after the shooting and the draws and needs that came on the police department in the following weeks. This presentation is geared for top commanders to help prepare an agency to be ready to deal with something similar if the need arises. The Incident Command System (ICS) and Incident Management Teams (IMT) are all part of the sessions message, coupled with training, policy, and equipment.

1F. Proactive School Security and Emergency Preparedness Planning (Part 1 of 2)

-Kenneth Trump, National School Safety and Security Services

In this two-hour workshop, learn about the latest trends, strategies, and hot topics on school security and emergency preparedness following the Sandy Hook Elementary School shootings. Session topics will include recent school security proposals from the practical to the preposterous, “heightened security” strategies in times of tight budgets, assessing and managing student and external threats, common gaps found in school security assessments, and physical security components vs. the human element of security. The workshop will also discuss school relationships with first responders and community organizations, crisis team and school staff roles, preparing for drills (lockdowns, evacuations, shelter-in-place, student and staff tracking), physical facilities, reducing liability risks, enhancing community credibility, and school-community partnerships.

9:20 – 10:20 AM

2A. When Needs Exceed Resources and the Role of the Healthcare Coalitions

-Dr. Jennifer Atas, Wayne State University
-Debra Phillips, St. Joseph Mercy Hospital
-Linda Scott, Michigan Department of Community Health
-Amy Shehu, Region 2 South Healthcare Coalition

In early October 2012, the state health departments, regional healthcare coalitions, and local hospitals were notified of contaminated lots of certain steroids that were administered to patients across the nation from May until late September 2012. This incident resulted in an unprecedented outbreak of fungal meningitis among a percentage of those who received the drugs. This presentation will discuss the evolution of the incident and how St. Joseph Mercy Hospital in Ann Arbor became the national leader for

treatment and response to this outbreak. In addition, this session will cover the contribution and role of the Region 2 South Healthcare Coalition and the Michigan Department of Community Health, Office of Public Health Preparedness in addressing the evolving issues that arose and coordinating regional and state resources to assist in local response.

2B. Smart Phones as a Mobile Toolbox for Emergency Preparedness & Response

-Kerry Chamberlain and Kathy Wahl, Michigan Department of Community Health

This presentation will be an interactive, information sharing session that will provide practical tips on how to sort through and select helpful applications (apps) for your Android or iPhone. Select apps will be demonstrated that will assist you with personal, healthcare, and public health preparedness and response. Make the most of your smart phone; turn it into a practical toolbox to help you prepare for and respond to emergencies.

2C. The Michigan Cyber Range: Forging a New Model for Cyber Security Education and Training

-Dr. Joe Adams, Merit Network

The Michigan Cyber Range is a cloud-based education, training, and testing platform built specifically for cyber security education. Students progress through a crawl-walk-run spectrum as they grow from developing individual skills, to engaging as part of a small group, to exercising their skills in full speed, force-on-force exercises. This presentation will discuss the Cyber Range's vision, future plans, and current program.

2D. The Opportunities and Perils of Bringing Your Own Device (BYOD) to Work

-Jim Jakary, Fiberlink Communications

-Dan Lohrmann, Michigan Department of Technology, Management and Budget

-Judy Odett, Michigan Department of Technology, Management and Budget

Bringing your own device (BYOD) is sweeping the nation as more and more employees bring their personal smartphones, tablet PCs, and other personally-owned devices to work. This session will cover who's doing what with BYOD, as well as the trends, opportunities, and threats of doing so. Attendees will also learn about a formal pilot the state of Michigan is involved in, the state's approach to BYOD, as well as experiences from members of the private sector.

2E. Oak Creek Sikh Temple Incident (Part 2 of 2)

-Capt. Steven Anderson and Capt. Michael Bolender, Oak Creek Police Department in Wisconsin

This presentation is an overview of the response to the Sikh Temple shooting that took place in Oak Creek, Wisconsin. The presenters will outline what the Oak Creek Police Department did to prepare for this tragic event starting 20 years prior, as well as lessons learned in the response to the aftermath. The final portion of the session will discuss all the things that came after the shooting and the draws and needs that came on the police department in the following weeks. This presentation is geared for top commanders to help prepare an agency to be ready to deal with something similar if the need arises. The Incident Command System (ICS) and Incident Management Teams (IMT) are all part of the sessions message, coupled with training, policy, and equipment.

2F. Proactive School Security and Emergency Preparedness Planning (Part 2 of 2)

-Kenneth Trump, National School Safety and Security Services

In this two-hour workshop, learn about the latest trends, strategies, and hot topics on school security and emergency preparedness following the Sandy Hook Elementary School shootings. Session topics will include recent school security proposals from the practical to the preposterous, "heightened security" strategies in times of tight budgets, assessing and managing student and external threats, common gaps found in school security assessments, and physical security components vs. the human element of security. The workshop will also discuss school relationships with first responders and community organizations, crisis team and school staff roles, preparing for drills (lockdowns, evacuations, shelter-in-place, student and staff tracking), physical facilities, reducing liability risks, enhancing community credibility, and school-community partnerships.

10:40 – 11:40 AM

3A. Medical Device Cyber Security: The First 164 Years

-Dr. Kevin Fu, University of Michigan

Today, it would be difficult to find medical device technology that does not critically depend on computer software. Medical devices that rely on software (e.g., drug infusion pumps, linear accelerators, etc.) continue to injure or kill patients in preventable ways. The lack of trustworthy medical device software leads to shortfalls in properties such as safety, effectiveness, dependability, reliability, usability, security, and privacy. This workshop will provide a glimpse into the risks, benefits, and regulatory issues for medical device cyber security and innovation of trustworthy medical device software by learning about the science, technology, and policy behind it.

3B. Emergency Healthcare Credentialing: Michigan's Expedition Continues

-Jennifer Tucker and Virginia Zimmerman, Michigan Department of Community Health

All accrediting agencies require hospitals to have comprehensive emergency plans in place that include the credentialing of physicians and other licensed health professionals during a disaster. This session will discuss Michigan's progress in developing volunteer management plans and emergency credential verification procedures during a large-scale event. Please join us as we chart this landmark initiative and explore the roadmap for 2013 and beyond.

3C. Global Cyber Threats – A Government Perspective

-Barb Hiemstra, Kent County Information Technology Department

-Lt. Col. W. Thomas Sands, Michigan Department of State Police

-BG Michael Stone, Michigan Department of Military and Veterans Affairs

-Joel Weever, Michigan Department of Technology, Management and Budget

As cybercrime becomes a bigger threat around the world, it is important to stay informed and up to date. In this session you will learn about what is happening in government cyber security today, who is attacking and being attacked, as well as what the metrics are.

3D. Social Media in Emergency Management and Disaster Response

-Carolyn Deming, Federal Emergency Management Agency

Social media is a critical tool in emergency management and disaster response. With Hurricane Sandy's case study as a backdrop, this workshop will discuss free tools for implementing a social media strategy, the basics on monitoring and messaging both in disaster and non-disaster time, and how to mine and utilize the vast amounts of information put forth on digital channels.

3E. Impact of the Arab Spring (Part 1 of 2)

-Amotz Brandes, Chameleon Associates

Learn about the current geopolitics in the Middle East, its impact on terrorist organizations, and how these current events influence our security situation in the United States.

3F. Effectively Communicating School Security and Emergency Issues in a World on Digital Media Steroids

-Ellen Miller, Media Consultant for National School Safety and Security Services

Do your school administrators duck and cover when they see a reporter coming? What would you do with dozens or hundreds of reporters, cameras, and TV news trucks in front of your school? Facebook threats, bomb threats sent through international proxy servers, rampant text messages of a rumored school shooting, parental safety anxiety following high-profile school shootings, and the politicizing of school safety are creating major communications challenges for school administrators and communications leaders. This session will address effective strategies for helping school officials successfully communicate with the media during emergency incidents.

1:00 – 2:00 PM

4A. Current Healthcare Cyber Threat Landscape and Response Capabilities as Seen by the FBI

-Special Agent Tom Winterhalter, FBI – Detroit Office

In this workshop, hear the FBI present on what they are currently seeing in the cyber landscape. Learn about the reorganization of the FBI's Cyber Division and how they are focusing on all types of intrusions. The FBI will provide some indicators on how these penetrations are occurring and what you should look for to protect yourself and your interests. Finally, learn about what you can expect when you contact the FBI, as well as the partnerships the FBI has established with other agencies and private partners, and how all of this can benefit you.

4B. Medical & Public Health Response to Radiation Emergencies Outside of Nuclear Power Plant Counties

-Steve Torres, Berrien County Health Department

-Jennifer Zordan, Van Buren County Health Department

This workshop will describe and discuss the planning and preparedness elements related to radiological response to a nuclear power plant for public health and medical partners. This session will include the discussion of the MI-RAD React series of training and exercises in the 5th District over the next several months.

4C. Michigan's Catastrophic Cyber Disruption Response Plan

- Capt. Daniel Guy, Michigan Department of Military and Veterans Affairs
- Dan Lohrmann, Michigan Department of Technology, Management and Budget
- Rock Rakowski, Michigan Department of Technology, Management and Budget
- Larry Whiteside, Spectrum Health

What will we do if a cyber-attack cripples critical infrastructure in Michigan? What scenarios could precipitate a cyber-emergency? How are the public and private sector working on these issues together? These are just a few of the topics that will be covered at this session. The focus will be on the writing and testing of the newly developed cyber plan in Michigan, as well as how you can become engaged in the process.

4D. School Evacuation & Reunification

- Sgt. Robert Ott, Ingham County Sheriff's Office

This course will present some suggested guidelines in which school and homeland security/emergency management personnel can use in school safety planning. These plans were created, tested, and are currently being used in Ingham County. The planning was a collaborative effort between Ingham County school districts and law enforcement. The Ingham County Safe Schools DVD and a follow-up DVD on Evacuation and Reunification will also be shown as part of the session.

4E. Impact of the Arab Spring (Part 2 of 2)

- Amotz Brandes, Chameleon Associates

Learn about the current geopolitics in the Middle East, its impact on terrorist organizations, and how these current events influence our security situation in the United States.

4F. The Paper Fortresses: The Reality Behind Public School Security

- David Thweatt, Superintendent at Harrold Intermediate School District (ISD) in Texas

This session will address one of the most pressing needs of our public schools in America: keeping our children from being massacred in copy-cat school shootings. There are many who believe that we can prevent shootings from occurring by simply locking doors or producing and practicing exotic and elaborate emergency drills. David Thweatt believes that all of these procedures, while necessary and appropriate, fall short of solving the problem and give false hope to those who believe in their effectiveness. He will present and argue for one of the most novel paradigm shifts in recent educational security philosophy. Thrust into the limelight in August of 2008, Thweatt managed to effectively defend his school's employee's concealed handgun policy. When the issue resurfaced after the Newtown, Connecticut, school shooting, Harrold ISD's Guardian Plan, which was implemented in October 2007, was heralded as a common-sense approach to protecting America's school children. Thweatt will explain his district's solution and present the reasoning behind it.

2:20 – 3:20 PM

5A. Chicago Improvised Nuclear Device (IND) Plan

- Eric Phillipson, Federal Emergency Management Agency

This session will discuss the potential threats and impacts of an Improvised Nuclear Device (IND) attack, as well as the comprehensive operational plan the City of Chicago developed to address the effects of an IND detonation in this large metropolitan area.

5B. The Role of Public Health Partners and Clinical Laboratories in Emergency Response

-Valerie Reed, Michigan Department of Community Health
-Tammy Theisen, Saginaw County Department of Public Health

This interactive session will explore the collaboration between Michigan Laboratory System partners during an emergency response, utilizing scenario-based case studies. The roles and responsibilities of these partners during a public health incident will be defined.

5C. Building a Cyber Security Program Based on the SANS Top 20

-Jim Beechey, Consumer Energy

Cyber security is a highly evolving and challenging domain. Many organizations struggle to keep up as adversaries advance, budgets tighten, and business pressure mounts. This workshop will focus on building a robust cyber security program based upon the SANS Top 20 Critical Controls for Effective Cyber Defense.

5D. FirstNet – Public Safety Broadband for Michigan

-Brad Stoddard, Michigan Department of Technology, Management and Budget
-Cynthia Wenzel Cole, Cynergyze

This session will cover the basics of the law that established the FirstNet network, the nationwide public safety broadband network, the activities to date as outcomes of that law, and the role that public safety will play in defining the network for the nation and in Michigan. This session will discuss who is leading the effort for Michigan, as well as what to expect in coming months for your input and participation.

5E. I-35W Bridge Collapse Case Study

-Rocco Forte, City of Minneapolis Emergency Management (Ret.)

This training session is developed for first responders, law enforcement, and emergency managers and will include instructional and interactive training beginning with a case study of the I-35W bridge collapse in Minneapolis, Minnesota. There will be a discussion on lessons learned, how to implement the National Incident Management System/Incident Command System (NIMS/ICS), and how to navigate through these systems during an emergency. Mr. Forte will provide information on how to do a "gap analysis," develop training equipment plans, and provide training on developing situational awareness and a common operating picture. He will also demonstrate how to best integrate all disciplines during a disaster.

5F. Mental Health and Schools: Lessons from the Front Lines of School Crises for Prevention and Intervention

-Dr. Allen Poland, Nova Southeastern University

The incidence of school violence, suicide, and traumatic events in general requires that schools and communities be prepared to respond to these events. This presentation will help schools and communities develop and enhance their knowledge and understanding of children's mental health. Participants will learn effective strategies to improve mental health services for students and how to prevent tragedies from happening. In addition, practical strategies will be outlined to provide mental health services for staff and students in the aftermath of a tragedy.

3:40 – 4:40 PM

6A. Hydrogen Sulfide Potential Hazards to First Responders

-David Fowler, Newaygo County Sheriff's Office

This session will provide a brief recap of a hazardous materials incident that ended with seven first responders going to the hospital. It will discuss what went wrong and what went right. Participants will hear firsthand experiences and lessons learned from one of the first responders involved in the incident. This is a frightening eye opener into the world of first responder hazards.

6B. The PsySTART Rapid Health Triage and Incident Management System

-Merritt Schreiber, Center for Disaster Medicine, University of California

This presentation will outline a comprehensive model for preparedness, resilience, and acute phase response using a triage driven mental health concept of operations. The model includes a community level psychological first aid model ("Listen, Protect, and Connect"), the PsySTART rapid disaster mental health triage system, and the "Anticipate, Plan, and Deter" responder resilience program. The model is designed to integrate public health, Emergency Medical Services (EMS), hospital, school, and mental health systems.

6C. What's Hot and What's Not in Global Cybersecurity

-Mike Montecillo, IBM

-Dale Zabriskie, Symnatec

-Representative, AT&T

This session will cover vendor perspectives on the cyber security trends such as what products customers are buying, what products the government uses for communication, and recommendations that are given to a majority of customers.

6D. Public Alerting and IPAWS in Michigan

-Don Bouffard, Michigan Department of State Police

-Antwane Johnson, Federal Emergency Management Agency

Before, during, and after an emergency, public safety officials need to quickly provide the public with information. FEMA's Integrated Public Alert and Warning System (IPAWS) integrates, modernizes, and expands the nation's alert and warning infrastructure to allow emergency managers to send geographically-targeted messages to the public to save lives and protect property. This presentation will educate emergency management practitioners on how IPAWS is being used around the country, highlight case studies, and reiterate the value of improving the resiliency of emergency public communications. It will also provide emergency management practitioners with resources for training, information, and guidance on acquiring and integrating IPAWS Common Alerting Protocol (CAP) compliant emergency and incident management tools with existing alerts and warning systems, as well as discuss the availability of grants to update alert and warning infrastructures and integrating IPAWS into emergency management plans and standard operating procedures.

6E. Defense Support for Civil Support

-MG Gregory Vadnais, Michigan Department of Military and Veterans Affairs
-Col. Gregory Durkac, Michigan National Guard

This workshop will discuss the many capabilities the Michigan National Guard can deploy to assist civilian agencies, including the types of missions they can support and those they cannot support. Specifically, attendees will learn about the capabilities of the Civil Support Team (CST), Counter Drug Team, and the National Guard Reaction Force (NGRF). In addition, the presenters will provide an in-depth review of the process for requesting resources and the financial cost of these resources.

6F. School Security: Do you have a Holistic (and Realistic) Approach?

-Mike Moll, U.S. Department of Homeland Security

This presentation will focus on the best practice examples of a comprehensive school security plan that addresses policy, procedure, and physical security measures to ensure a safe and secure facility. The participants will also be given the opportunity to learn what the U.S. Department of Homeland Security sees as excellent preventative and proactive measures for school security.

Thursday, May 2 – General Session **8:30 AM – 11:00 AM**

Schools and First Responders: Partnerships for Preventing and Managing School Emergencies

-Kenneth Trump, National School Safety and Security Services

School security and emergency preparedness proposals have ranged from the practical to the preposterous following the Sandy Hook Elementary School shootings. Do we arm teachers? Should we pass out bulletproof backpacks? Learn how school partnerships with emergency managers, first responders, and the broader school community can lead to practical preparedness measures for schools and more efficient management for emergency responders.

Leading the Nation's Defense Strategy in the 21st Century

-Dr. Robert Gates, former U.S. Secretary of Defense

As Secretary of Defense under two presidents—Barack Obama and George W. Bush—and through two wars—Iraq and Afghanistan—Gates shares with audiences his candid insights on global politics and world affairs, U.S. intelligence and defense strategies, leadership and leading change in a large institution, and the global challenges of the 21st century. Considered “The Soldier’s Secretary” for his commitment to placing the men and women in uniform as his top priority, Gates made significant advances in soldier safety including replacing vehicles in the field with heavily armored vehicles, which according to USA Today, reduced roadside bomb attacks and fatalities by almost 90 percent. Successes include the reshaping of U.S. nuclear weapons policies, the removal of troops from Iraq and the resurgence of troops in Afghanistan—culminating in the death of Osama bin Laden.